

| Application No. | Applicant(s)  |  |  |  |  |  |  |  |
|-----------------|---------------|--|--|--|--|--|--|--|
| 10/052,225      | NOJIMA ET AL. |  |  |  |  |  |  |  |
| Examiner        | Art Unit      |  |  |  |  |  |  |  |
|                 |               |  |  |  |  |  |  |  |
| Wayne Langel    | 1754          |  |  |  |  |  |  |  |

|                      |             |               |             |            |       | - 15    | SSU                               | EC  | LAS     | SIFI     | CA   | ΓΙΟΝ  | 1        |       |                       |            |          |          |          |
|----------------------|-------------|---------------|-------------|------------|-------|---------|-----------------------------------|---|---------|----------|------|-------|----------|-------|-----------------------|------------|----------|----------|----------|
|                      |             | ORIGIN        | AL          |            |       |         | 1                                 |   |         |          |      | CROSS | REFEREN  | ICE(S | 5)                    |            |          |          |          |
| CLASS SUBCLASS CLASS |             |               |             |            |       |         | SUBCLASS (ONE SUBCLASS PER BLOCK) |   |         |          |      |       |          |       |                       |            |          |          |          |
| 71                   |             |               |             | 7          | ****  |         |                                   | <del></del>   | سد و    |          |      |       |          | T     |                       |            |          | 1        |          |
| 4                    | <u>ت بر</u> | <u> </u>      | 23          | <u>/</u>   |       | 423     | بخت                               | <u>クッ/</u>  | 65      | 812      |      |       |          |       |                       |            |          |          |          |
| INTER                | RNATIO      | NAL CL        | ASSIFI      | CATION     |       |         |                                   |   |         |          |      |       |          |       |                       |            |          |          |          |
| 0                    | 1           | В             | <b>72</b> / | 04         |       |         |                                   |   |         |          |      |       |          |       |                       |            |          |          |          |
|                      |             |               |             | <i>U-1</i> |       |         |                                   |   |         |          |      |       |          |       |                       |            |          |          |          |
|                      |             |               | /           |            |       |         |                                   |   |         |          |      |       |          |       |                       |            |          |          |          |
|                      |             |               | - 1         |            |       |         |                                   |   |         |          |      |       |          |       |                       |            |          |          |          |
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|                      |             |               |             |            |       |         |                                   |   |         |          |      |       |          | +     |                       |            |          |          |          |
|                      |             |               |             |            |       |         |                                   |   |         |          |      |       |          |       |                       |            |          |          |          |
|                      |             |               |             |            |       |         | INAVER A Laurel                   |   |         |          |      |       |          | ,     |                       |            |          |          |          |
| <                    |             |               |             |            |       |         | · ·                               | U-WINE T. LANGE   |         |          |      |       |          |       | Total Claims Allowed: |            |          |          |          |
|                      | (Assi       | stant E       | xamine      | r) (C      | ate)  |         |                                   | GA4 1754  |         |          |      |       |          |       | 6                     |            |          |          |          |
|                      |             | Λ             |             | 7          | 181   | 1       |                                   | Wayne A. Langel GAU1754 Wayne Manya (Primary Examiner) (Date) |         |          |      |       |          |       | O.G. O.G.             |            |          |          |          |
|                      | - 1         | Nn            |             | -51        | W/'   | 4       | 1                                 | 1Na   | you     | e My     | 1-72 | ngo   |          |       | Print                 | Claim(     | (s)      | Prin     |          |
| (Li                  | egal In     | strumer       | its Exa     | miner)     | (Date | e)      |                                   | (Prir   | hary Ex | aminer)  |      | (Date | , , ,    |       | 111                   | _          |          |          | 1        |
|                      |             |               |             |            |       |         |                                   |   |         |          | 5    | -7    | -04      | /     | <u> </u>              | <i>ં</i> , |          |          |          |
|                      |             |               |             |            |       |         |                                   |   |         |          |      |       |          |       |                       |            |          |          |          |
|                      |             | renur         | nbere       |            | e san | ne orde |                                   | resen   | ited by |          | cant |       | 1 1:::   |       | □ T                   |            |          | ☐ R.1.47 |          |
| ত                    | Original    |               | ল           | Original   |       | व       | Original                          |   | ल       | Original |      | ল     | Original |       | ল                     | Original   |          | ਰ        | Original |
| Final                | rigi        |               | Final       | rigi       |       | Final   | īġ                                |   | Final   | rigi.    |      | Final | rigi     |       | Final                 | rigi       |          | Final    | ij       |
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| 7                    | 1           | 1             |             | 31         |       |         | 61                                | 1   |         | 91       |      |       | 121      |       |                       | 151        | 1        |          | 181      |
| 2                    | 2           | 1             |             | 32         |       |         | 62                                | 1   |         | 92       |      |       | 122      |       |                       | 152        | 1        |          | 182      |
| 3                    | 3           | 1             |             | 33         |       |         | 63                                | 1   |         | 93       |      |       | 123      |       |                       | 153        | 1        |          | 183      |
| 4                    | 4           |               |             | 34         |       |         | 64                                |   |         | 94       |      |       | 124      |       |                       | 154        |          |          | 184      |
| 5                    | 5           |               |             | 35         |       |         | 65                                |   |         | 95       |      |       | 125      |       |                       | 155        |          |          | 185      |
| 6                    | 6           |               |             | 36         |       |         | 66                                |   |         | 96       |      |       | 126      |       |                       | 156        |          |          | 186      |
| 1                    | 7           |               |             | 37         |       |         | 67                                |   |         | 97       |      |       | 127      |       |                       | 157        |          |          | 187      |
|                      | 8           |               |             | 38         |       |         | 68                                |   |         | 98       |      |       | 128      |       |                       | 158        |          |          | 188      |
|                      | 9           |               |             | 39         |       |         | 69                                |   |         | 99       |      |       | 129      |       |                       | 159        |          |          | 189      |
|                      | · 10        |               |             | 40         |       |         | 70                                |   |         | 100      |      |       | 130      |       |                       | 160        |          |          | 190      |
|                      | 11          | ]             |             | 41         |       |         | 71                                | ]   |         | 101      |      |       | 131      |       |                       | 161        | ]        |          | 191      |
|                      | 12          | ]             |             | 42         |       |         | 72                                |   |         | 102      |      |       | 132      |       |                       | 162        | ]        |          | 192      |
|                      | 13          |               |             | 43         |       |         | 73                                |   |         | 103      |      |       | 133      |       |                       | 163        |          |          | 193      |
|                      | 14          |               |             | 44         |       |         | 74                                |   |         | 104      |      |       | 134      |       |                       | 164        |          |          | 194      |
|                      | 15          |               |             | 45         |       |         | 75                                |   |         | 105      |      |       | 135      |       |                       | 165        |          |          | 195      |
|                      | 16          |               |             | 46         |       |         | 76                                |   |         | 106      |      |       | 136      |       |                       | 166        |          |          | 196      |
|                      | 17          |               |             | 47         |       |         | 77                                |   |         | 107      |      |       | 137      |       |                       | 167        | <b>]</b> |          | 197      |
|                      | 18          |               |             | 48         |       |         | 78                                |   |         | 108      |      |       | 138      |       |                       | 168        |          |          | 198      |
|                      | 19          | ]             |             | 49         |       |         | 79                                |   |         | 109      |      |       | 139      |       |                       | 169        |          |          | 199      |
|                      | 20          | ]             |             | 50         |       |         | 80                                |   |         | 110      |      |       | 140      |       |                       | 170        |          |          | 200      |
|                      | 21          | <u> </u>      |             | 51         |       |         | 81                                |   |         | 111      |      |       | 141      |       |                       | 171        | <b></b>  |          | 201      |
|                      | 22          |               |             | 52         |       |         | 82                                |   |         | 112      |      |       | 142      |       |                       | 172        |          |          | 202      |
|                      | 23          | ]             |             | 53         |       |         | 83                                |   |         | 113      |      |       | 143      |       |                       | 173        |          |          | 203      |
|                      | 24          |               |             | 54         |       |         | 84                                |   |         | 114      |      |       | 144      |       |                       | 174        |          |          | 204      |
|                      | 25          | ]             |             | 55         |       |         | 85                                |   |         | 115      |      |       | 145      |       |                       | 175        | <u> </u> |          | 205      |
|                      | 26          | ]             |             | 56         |       |         | 86                                |   |         | 116      |      |       | 146      |       |                       | 176        |          |          | 206      |
|                      | 27          | ]             |             | 57         |       |         | 87                                |   |         | 117      |      |       | 147      |       |                       | 177        |          |          | 207      |
|                      | 28          | ]             |             | 58         |       |         | 88                                |   |         | 118      |      |       | 148      |       |                       | 178        | ]        |          | 208      |
|                      | 29          | ]:::::::::::: |             | 59         |       |         | 89                                |   |         | 119      |      |       | 149      |       |                       | 179        |          |          | 209      |
|                      | 30          |               |             | 60         |       |         | 90                                |   |         | 120      |      |       | 150      |       |                       | 180        |          |          | 210      |
| <del></del>          |             |               |             |            |       |         |                                   |   |         |          |      |       |          |       |                       |            |          | Banas    | No O     |